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German Democratic Republic

FDD Abstract of [REDACTED]

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DIAGRAMS AND DESCRIPTIONS OF OSW ELECTRONIC DEVICES (25 pp; German [REDACTED])

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25X1X This document consists of [REDACTED] copies of technical diagrams and descriptions of electronic equipment produced at the OSW (Oberspreewerke, Berlin-Oberschoeneweide), as follows:

- 1) Technical diagrams, covering 4 pages and dated 1 August 1950, of a revolving test circuit (for sound- and flash-ranging station), (3 centimeters).
- 2) Technical diagrams, covering 3 pages and dated 5 September 1950, of an adapter unit, (10 centimeters).
- 3) Technical diagrams, covering 2 pages and dated 6 September 1950, of an adapter unit, (3 centimeters).
- 4) Eleven-page report, dated 10 October 1950, which gives a detailed description of an impulse generator for 625 scanning lines, in conformity with Soviet televising standards. The following information is given:
 - a) General description: designation of the individual parts of the apparatus, and description of the arrangement of the individual units in the frame.
 - b) Detailed description of the individual components of the apparatus, their functions, operating principles, electrical wiring plans, and specifications. (Note: Reference is made to five enclosures, consisting of diagrams and photographs of the above equipment; they are not, however, attached to the report.)
- 5) Two-page instruction sheet, dated 20 April 1949, for the production of a paste called "Zirconium paste Zr 2 F 3", which is used to spray anodes in order to increase heat reflection and achieve a getter effect. Information given includes: a) General description of the paste and its use; b) list of equipment required for its production; c) list of its chemical components: hydrogen-saturated powdered zirconium metal, paraffin, naphthalene, methanol, and xylol; d) step by step description of the production process.
- 6) Three-page instruction sheet, dated 25 May 1948, for the preparation of a paste called "Thorium paste Th 3 F", which is used to spray anodes in order to improve their performance as explained above. The information given is the same as specified above. The chemical ingredients of this paste are powdered thorium metal, methanol, and acetic acid.

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25X1A Foreign language document or microfilm of it is available from CIA library, [REDACTED]

31 October 1951

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